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kind, that (altho I seldom love to speak confidently, yet) I can assure every one that there are but two sorts of them in those parts of England where I have been, viz. the few quick beats of the *Scarabæus Sonicephalus* as *Swammerdam* hath nam'd it) describ'd by Mr *Allen*; and the longer and more leisurely Beats of that Insect I have now been speaking of. There are indeed *Scarabæi*, Grasshoppers, Crickets, &c. which make peculiar noises. But there are no Creatures which make these regular clicking noises (like the Beats of a Pocket-Watch) but only that *Scarabæus Sonicephalus*, and our *Pediculus Pulsatorius*.

IV. *Defectus Lunæ Observatio, die Solis 12^o Decembris, habita prope Mercatorium Regium Londini, a J. Hodgson. R. S. S. tempore matutino, A. 1703.*

PArato Telescopio pedum duodecim longitudine eoque ad altitudinem idoneam sublato hora quarta matutina, non levis mihi affulsit spes, fore, ut ipsum Eclipseos initium perciperem, quia etsi Cælum non plane esset serenum, Nubes tamen adeo erant tenues ut ipsum Lunæ limbum facile cernerem, & per intervalla quædam præcipuæ Lunæ maculæ distincte conspiciebantur, sed 20 min. aut circiter post quartam densæ nubes oborta sunt; quæ cum ferrentur a plaga Cœli quæ est inter occidentem & Austrum, versus partem oppositam ita Lunam obtexerunt ut mihi nullomodo conspicua fuerit nisi 35 min. post quartam tunc enim in conspectum meum rediit, & mihi visus est tantus ab Orientali ora defectus quantum fieri potuit 3 aut 4 minutis horariis ab ingressu primo in umbram numeratis, ejus maculas sat distincte percipere non potui, ad discernendum qua parte illa diligenter pati cœpit, nec licuit per tempus Eclipseos quantitatem dimetiri; sed 4 min. post

post 5 quantum conjectare potui illa sex fermè digitorum spacio obscurata fuit. Eam vidi per intervalla usque ad horam quintam cum 35 min. quo tempore deerant ad summum 3 min. à totali ejus immersione, tunc autem parva Nubes sed densa ita Lunam operuit, ut eam amplius non viderim & quamvis maxime intentus fuerim, ut si fieri posset ejus Emerfionem viderem nullomodo mihi licuit tum ob crassitiem Vaporum qui erant circa Horizontem, tum ob diei adventantem lucem eam oculis cernere. Ab initio usque ad tempus Immersionis Luna mihi conspicua facta est plusquam Vigesies, sed propter intercurrentes Nubes, & breve temporis spatium quo eam intueri licebat penes me non fuit quidquam exacte, satis definire at quamvis hæc Observatio utilis valde esse non possit ad Lunarios numeros expendendos, illa tamen sufficit ad curiosis satisfaciendum eosque convincendum illos numeros non multum a vero aberrare.

VI. *An Extract of a Letter from Mr Ralph Thoresby, F. R. S. to Dr Nehemiah Grew, Fellow of the College of Physicians and R. S. concerning a Ball voided by Stool.*

A Poor Apprentice Girl at *Rawden*, 4 miles from *Leedes* in *Yorkshire*, about 14 years of Age, having been tormented with Colical, and, as was suppos'd, Nephritick Pains for some time; at length voided a roundish Ball, *per Anum*, as hard to feel upon as a Stone.

After a while, the Pains returning with greater violence, so as to make her roul upon the ground, she voided another as hard, and much bigger.

Upon which, one Mrs *Ward* a neighbouring Gentlewoman, who had been much afflicted with Gravel, gave